

#28/Amatt H
q Fred
10/29/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants : Rhodes et al.
Serial No. : 09/008,531
Filed : January 16, 1998
Title : METHOD OF MAKING A SEMICONDUCTOR DEVICE HAVING
IMPROVED CONTACTS
Docket No. : MIO0012V2
Examiner : Trinh, Michael Manh
Art Unit : 2822

CERTIFICATE OF FACSIMILE TRANSMISSION
I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark
Office (Fax No. 703/872-9318) on October 24, 2002.

Julie G. Cope
Julie G. Cope Reg. No. 48,624

FAX COPY RECEIVED

OCT 24 2002

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

TECHNOLOGY CENTER 2800

AMENDMENT

This amendment is being filed in response to the office action mailed on July 30, 2002. Reconsideration is respectfully requested in light of the amendments and arguments below.

CLEAN VERSION OF THE CLAIMS

A version of the claims showing the markings is provided in a separate Appendix attached to this paper.

In the Claims

31. (Twice Amended) A process for making a semiconductor device comprising:
- providing a substrate having at least one semiconductor layer;
 - forming an opening in said at least one semiconductor layer, wherein said opening includes sidewalls;
 - forming a conductive layer over said at least one semiconductor layer and said opening so that said conductive layer has a topography that includes a substantially vertical component;
 - forming an overlayer over said conductive layer;
 - forming a contact in said overlayer and in said vertical component disposed adjacent to and contacting said vertical component; and

sub
12
cont

AK

FACSIMILE COVER SHEET**TO: Examiner Michael Manh Trinh, Art Unit 2822**Company: Assistant Commissioner for Patents
Fax No.: 703-872-9318**FROM: Julie G. Cope**

Date: October 24, 2002

Pages: 8 (including cover page)

Our Docket No.: MIO 0012 V2

Transmission No.: _____

*Patents, Trademarks and Related Matters*
Killworth, Gottman, Hagan & Schaeff, LLPOne Dayton Centre
One South Main Street, Suite 500
Dayton, Ohio 45402-2023937.223.2050
Fax | 937.223.0724
E-mail | hghs@hghs.com**FAX COPY RECEIVED****OCT 24 2002**

TECHNOLOGY CENTER 2800

- | |
|--|
| <input checked="" type="checkbox"/> ORIGINAL WILL NOT FOLLOW |
| <input type="checkbox"/> ORIGINAL WILL FOLLOW BY: |
| <input type="checkbox"/> REGULAR MAIL |
| <input type="checkbox"/> EXPRESS MAIL |
| <input type="checkbox"/> HAND DELIVERY |

Remarks: IF YOU HAVE ANY PROBLEMS RECEIVING THIS TELECOPY MESSAGE, PLEASE CONTACT EVELYN M. SMART AT (937) 223-2050 AS SOON AS POSSIBLE. THANK YOU.**OFFICIAL****OFFICIAL****OFFICIAL****U.S. Patent Application Serial No. 09/008,531****CONFIDENTIAL FACSIMILE COMMUNICATIONS**

The information contained in this facsimile message, and any and all accompanying documents, constitutes confidential information which is the property of Killworth, Gottman, Hagan & Schaeff. If you are not the intended recipient of this information, any disclosure, copying, distribution, or taking of any action in reliance on this information, is strictly prohibited. If you have received this facsimile message in error, please notify us immediately to make arrangements for its return to us. Thank you.